

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|------|--|------------------------------|------------------|---------|---------------------|
| S1    | 1    | "6972065".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2008/09/22<br>07:23 |
| S2    | 12   | ("4799745"   "5103337"  <br>"5103557"   "5223465"  <br>"5360659"   "5882774"  <br>"6045896"   "6049419"  <br>"6157490"   "6174592"  <br>"6207260"   "6230749").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2008/09/22<br>07:29 |
| S3    | 12   | ("4799745"   "5103337"  <br>"5103557"   "5223465"  <br>"5360659"   "5882774"  <br>"6045896"   "6049419"  <br>"6157490"   "6174592"  <br>"6207260"   "6230749").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2008/09/22<br>07:31 |
| S4    | 1    | "20020152411"  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2008/09/22<br>07:32 |
| S5    | 0    | pct/us03/09378   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2008/09/22<br>07:36 |
| S6    | 0    | pct/us03/009378  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2008/09/22<br>07:36 |
| S7    | 2    | "10268354"   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2008/09/22<br>07:36 |
| S8    | 2    | "10152411"   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2008/09/22<br>07:38 |
| S9    | 62   | ("20010052659"  <br>"20020015836"  <br>"20020025444"  <br>"20040031362"  <br>"3560291"   "3610724"  <br>"3610729"   "3626143"  <br>"3633333"   "3711176"  <br>"3790744"   "4323757"  <br>"4414051"   "4446305"  <br>"4459063"   "4466305"  <br>"4490203"   "4498923"  <br>"4498925"   "4520189"  <br>"4521588"   "4540623" | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2008/09/22<br>07:39 |

|     |      |   |                              |    |    |                     |
|-----|------|---|------------------------------|----|----|---------------------|
|     |      | "4547432"   "4832453"<br>"4945203"   "4987287"<br>"5103337"   "5241471"<br>"5269995"   "5316703"<br>"5360659"   "5437960"<br>"5448404"   "5486949"<br>"5686979"   "5699188"<br>"5711838"   "5783120"<br>"5808794"   "5825542"<br>"5882774"   "5962114"<br>"5965247"   "5980666"<br>"6045894"   "6049419"<br>"6059913"   "6096247"<br>"6103050"   "6157490"<br>"6185039"   "6191382"<br>"6207925"   "6287184"<br>"6303901"   "6368699"<br>"6551436"   "6689245"<br>"6808658"   "6972065"<br>"6991695").PN. |                              |    |    |                     |
| S10 | 1    | "4945203".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>07:50 |
| S11 | 0    | S10 and S2  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>07:50 |
| S12 | 13   | S10 or S2   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>07:50 |
| S13 | 0    | "36333333pn."   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>07:51 |
| S14 | 1    | "3633333".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>07:52 |
| S15 | 1    | "4323757".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>07:53 |
| S16 | 1    | "4498923".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>07:55 |
| S17 | 1    | S2 and laser  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:11 |
| S18 | 7    | S2 and edge   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:12 |
| S19 | 1368 | optic\$4 and edge and seal<br>and laser and delaminat\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:14 |

|     |         |  |                              |    |    |                     |
|-----|---------|--|------------------------------|----|----|---------------------|
| S20 | 1283    | optical and edge and seal and laser and delaminat\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:14 |
| S21 | 146     | optical and edge and seal same laser and delaminat \$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:14 |
| S22 | 6       | ("4799745"   "5103337"   "5103557"   "5223465"   "5360659"   "5882774"   "6045896"   "6049419"   "6157490"   "6174592"   "6207260"   "6230749"). PN. and delaminat\$\$ | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:18 |
| S23 | 6       | ("4799745"   "5103337"   "5103557"   "5223465"   "5360659"   "5882774"   "6045896"   "6049419"   "6157490"   "6174592"   "6207260"   "6230749"). PN. and delaminat\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:18 |
| S24 | 2443    | optical and edge and melt and delaminat\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:35 |
| S25 | 1       | "5980666".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:41 |
| S26 | 15      | ("1980510"   "3615318"   "3673054"   "3794809"   "4368945").PN. OR ("5980666").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:46 |
| S27 | 15      | ("1980510"   "3615318"   "3673054"   "3794809"   "4368945").PN. OR ("5980666").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:47 |
| S28 | 15      | ("1980510"   "3615318"   "3673054"   "3794809"   "4368945").PN. OR ("5980666").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:52 |
| S29 | 15      | ("1980510"   "3615318"   "3673054"   "3794809"   "4368945").PN. OR ("5980666").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:53 |
| S30 | 40      | ("3298898"   "3630809"   "3682528"   "3849244"). PN. OR ("4368945").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:54 |
| S31 | 2118602 | ("4799745"   "5103337"   "5103557"   "5223465"   "5360659"   "5882774"   "6045896"   "6049419"   "6157490"   "6174592"   "6207260"   "6230749"). PN. and bonding layer | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/09/22<br>09:55 |

|     |        |   |                        |    |    |                  |
|-----|--------|---|------------------------|----|----|------------------|
| S32 | 1      | ("4799745"   "5103337"   "5103557"   "5223465"   "5360659"   "5882774"   "6045896"   "6049419"   "6157490"   "6174592"   "6207260"   "6230749"). PN. and bonding near layer | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 09:55 |
| S33 | 2      | ("4799745"   "5103337"   "5103557"   "5223465"   "5360659"   "5882774"   "6045896"   "6049419"   "6157490"   "6174592"   "6207260"   "6230749"). PN. and glazing            | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 09:56 |
| S34 | 12     | ("4799745"   "5103337"   "5103557"   "5223465"   "5360659"   "5882774"   "6045896"   "6049419"   "6157490"   "6174592"   "6207260"   "6230749"). PN.                        | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 09:57 |
| S35 | 9      | ("4799745"   "5103337"   "5103557"   "5223465"   "5360659"   "5882774"   "6045896"   "6049419"   "6157490"   "6174592"   "6207260"   "6230749"). PN. not S32 not S33        | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 09:57 |
| S36 | 15     | ("1980510"   "3615318"   "3673054"   "3794809"   "4368945").PN. OR ("5980666").URPN.  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 10:03 |
| S37 | 698964 | (automobile or vehicle) and glazing.ab. and refractive index  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 10:15 |
| S38 | 145    | (automobile or vehicle) and glazing.ab. and refractive near index   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 10:15 |
| S39 | 6      | (automobile or vehicle) and glazing.ab. and refractive near index not (metal or oxide)  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 10:21 |
| S40 | 198    | (automobile or vehicle) and glazing.ab. not (metal or oxide)  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 10:22 |
| S41 | 457    | windshield and glazing.ab.  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 11:18 |
| S42 | 1      | "4945203".pn.   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 12:13 |

|     |       |  |                        |    |    |                  |
|-----|-------|--|------------------------|----|----|------------------|
| S43 | 54    | ("3469076"   "3560291"   "3629546"   "3824368"   "3974016"   "3981230"   "3989778"   "4029535"   "4036676"   "4065080"   "4069080"   "4149918"   "4158762"   "4160894"   "4185185"   "4187408"   "4219721"   "4237363"   "4350867"   "4414051"   "4439260"   "4490203"   "4499361"   "4500382"   "4539059"   "4539463"   "4564736"   "4564739"   "4613742"   "4636609"   "4680442").PN. OR ("4945203").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 12:13 |
| S44 | 1     | "5103337".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 12:24 |
| S45 | 1     | "4368945".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 12:44 |
| S46 | 11603 | 65/273 65/106 428/423.1<br>428/349 428/192   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/22 13:21 |
| S47 | 11    | ((HEATHER) near2 (KRANZ)).INV.   | US-PGPUB; USPAT        | OR | ON | 2008/09/22 13:21 |
| S48 | 11    | ((JEFFREY) near2 (BOETTCHER)).INV.   | US-PGPUB; USPAT        | OR | ON | 2008/09/22 13:21 |
| S49 | 6     | ((JANET) near2 (KIRKMAN)).INV.   | US-PGPUB; USPAT        | OR | ON | 2008/09/22 13:21 |
| S50 | 46    | ((PETER) near2 (DI ETZ)).INV.  | US-PGPUB; USPAT        | OR | ON | 2008/09/22 13:21 |
| S51 | 1     | "5103337".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/11 13:55 |
| S52 | 11802 | 65/273 65/106 428/423.1<br>428/349 428/192   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/11 14:37 |
| S53 | 11    | ((HEATHER) near2 (KRANZ)).INV.   | US-PGPUB; USPAT        | OR | ON | 2009/03/11 14:37 |
| S54 | 12    | ((JEFFREY) near2 (BOETTCHER)).INV.   | US-PGPUB; USPAT        | OR | ON | 2009/03/11 14:37 |
| S55 | 6     | ((JANET) near2 (KIRKMAN)).INV.   | US-PGPUB; USPAT        | OR | ON | 2009/03/11 14:37 |
| S56 | 50    | ((PETER) near2 (DI ETZ)).INV.  | US-PGPUB; USPAT        | OR | ON | 2009/03/11 14:37 |

|     |       |  |                              |    |    |                     |
|-----|-------|--|------------------------------|----|----|---------------------|
| S57 | 11873 | S52 S53 S54 S55 S56                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/03/11<br>14:37 |
| S58 | 82    | 192/194                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/08/14<br>11:30 |
| S59 | 20    | S58 and optic\$4                           | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/08/14<br>11:30 |
| S60 | 0     | S58 and refract\$4                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/08/14<br>11:31 |
| S61 | 12    | S58 and reflect\$5                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/08/14<br>11:31 |
| S62 | 1     | "20010024324".pn.                          | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/08/14<br>11:32 |
| S63 | 1380  | 428/194                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/08/14<br>11:33 |
| S64 | 175   | S63 and optic\$4                           | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/08/14<br>11:33 |
| S65 | 65    | S63 and refract\$5                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/08/14<br>11:33 |
| S66 | 16    | 428/194 and polariz\$5                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/08/14<br>11:36 |
| S67 | 604   | 428/194 and laminat\$5                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/08/14<br>11:38 |
| S68 | 42    | 428/194 and edge near<br>seal              | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/08/14<br>11:50 |
| S69 | 1     | "4046951".pn. and delam<br>\$6             | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/08/14<br>13:32 |
| S70 | 12003 | 65/273 65/106 428/423.1<br>428/349 428/192 | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/08/14<br>14:14 |
| S71 | 11    | ((HEATHER) near2<br>(KRANZ)).INV.          | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/14<br>14:14 |
| S72 | 12    | ((JEFFREY) near2<br>(BOETTCHER)).INV.      | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/14<br>14:14 |
| S73 | 6     | ((JANET) near2<br>(KIRKMAN)).INV.          | US-PGPUB;<br>USPAT           | OR | ON | 2009/08/14<br>14:14 |

|     |         |   |                        |    |    |                  |
|-----|---------|---|------------------------|----|----|------------------|
| S74 | 53      | ((PETER) near2 (DI ETZ)). INV.  | US-PGPUB; USPAT        | OR | ON | 2009/08/14 14:14 |
| S75 | 12077   | S70 S71 S72 S73 S74   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/14 14:14 |
| S76 | 1       | "20010024324".pn.   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 11:45 |
| S77 | 97      | 192/194   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 11:46 |
| S78 | 21      | 192/194 and melt\$4   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 11:46 |
| S79 | 5332    | 428/192 428/194   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 11:47 |
| S80 | 246     | (428/192 428/194) and edge with melt\$4   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 11:47 |
| S81 | 1848517 | (428/192 428/194) and edge with melt\$4 with seal \$4   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 11:47 |
| S82 | 72      | (428/192 428/194) and edge with melt\$4 with seal \$4   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 11:48 |
| S83 | 16      | ("4601249"   "4685408"   "4888229"   "5018462"   "5069735"   "5466326"   "5605731"   "5619942"   "5645002"   "5769999"   "5928462"   "5967505"). PN. OR ("6113716").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 11:53 |
| S84 | 29      | ("3367785"   "3539772"   "3934065"   "3949114"). PN. OR ("4224367").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 12:19 |
| S85 | 1       | "4046951".pn.   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 12:22 |
| S86 | 47      | ("1845133"   "2303125"   "2750312"   "2787608"   "2871144"   "2925633"   "2964503"   "3225017"   "3248273"   "3388945"   "3505160"   "3549466"   "3616122"   "3673054"   "3733237"   "3919023"). PN. OR ("4046951").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 12:23 |
| S87 | 19      | hot near wire same edge near seal   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 12:38 |

|     |     |  |                        |    |    |                     |
|-----|-----|--|------------------------|----|----|---------------------|
| S88 | 52  | ("2441940"   "2641304"   "2913863"   "2958168"   "2987106"   "2987107"   "3006257"   "3221473"   "3340678"   "3552088"   "3633333"   "3741842"   "3914917"   "3923577"   "4164833"   "4529471").PN. OR ("4680073").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11<br>12:44 |
| S89 | 891 | autoclave and edge near seal\$4  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11<br>13:47 |
| S90 | 53  | autoclave and edge near seal\$4 same melt\$4   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11<br>13:48 |
| S91 | 1   | "5980666".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11<br>13:58 |
| S92 | 15  | ("1980510"   "3615318"   "3673054"   "3794809"   "4368945").PN. OR ("5980666").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11<br>13:58 |
| S93 | 1   | "20030219577".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11<br>14:09 |
| S94 | 67  | ("20010052659"   "20020015836"   "20020025444"   "20040031362"   "3560291"   "3610724"   "3610729"   "3626143"   "3633333"   "3711176"   "3790744"   "3792519"   "3996461"   "4158133"   "4323757"   "4370025"   "4414051"   "4446305"   "4466305"   "4490203"   "4498923"   "4498925"   "4520189"   "4521588"   "4540623"   "4547432"   "4549063"   "4705356"   "4832453"   "4945203"   "4987287"   "5103337"   "5241471"   "5269995"   "5316703"   "5360659"   "5437960"   "5448404"   "5486949"   "5686979"   "5699188"   "5711838"   "5783120"   "5808794"   "5825542"   "5882774"   "5962114"   "5965247"   "5980666"   "6045894"   "6049419"   "6059913"   "6096247"   "6103050" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11<br>14:41 |

|      |     |  |                              |    |    |                     |
|------|-----|--|------------------------------|----|----|---------------------|
|      |     | "6157490"   "6185039"  <br>"6191382"   "6207925"  <br>"6287184"   "6303901"  <br>"6368699"   "6551436"  <br>"6689245"   "6808658"  <br>"6972065"   "6991695").<br>PN. OR ("7396493").URPN. |                              |    |    |                     |
| S95  | 10  | laser with cut with weld<br>with film  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/11<br>15:00 |
| S96  | 396 | laser with cut with weld   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/11<br>15:05 |
| S97  | 19  | laser with cut with weld<br>same film  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/11<br>15:05 |
| S98  | 9   | laser with cut with weld<br>same film not S95  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/11<br>15:05 |
| S99  | 6   | laser with cut with weld<br>same resin   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/11<br>15:07 |
| S100 | 45  | laser with cut with weld<br>same layer   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/11<br>15:07 |
| S101 | 86  | laser with cut with melt\$4<br>with film   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/11<br>15:08 |
| S102 | 12  | laser with cut with melt\$4<br>with film with (seal\$4 bond<br>\$4)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/11<br>15:09 |
| S103 | 74  | S101 not S102  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/11<br>15:09 |
| S104 | 0   | "20020566637".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/11<br>15:13 |
| S105 | 1   | "20020166637".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/11<br>15:13 |
| S106 | 463 | laser with cut with (fus\$4<br>weld\$4 melt\$4 seal\$4 bond<br>\$4) with film  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/11<br>15:17 |
| S107 | 183 | laser with cut with (fus\$4<br>weld\$4 melt\$4 seal\$4 bond<br>\$4) with film not<br>(semiconductor)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/11<br>15:18 |

|      |     |  |                        |    |    |                  |
|------|-----|--|------------------------|----|----|------------------|
| S108 | 176 | laser with cut with (fus\$4 weld\$4 melt\$4 seal\$4 bond \$4) with film not (semiconductor "sheet metal")  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 15:18 |
| S109 | 16  | ("3981230"   "4069080"   "4251887"   "4414051"). PN. OR ("4500382"). URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 15:25 |
| S110 | 1   | (("3981230"   "4069080"   "4251887"   "4414051"). PN. OR ("4500382"). URPN.) and weld with width   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 15:26 |
| S111 | 1   | (("3981230"   "4069080"   "4251887"   "4414051"). PN. OR ("4500382"). URPN.) and seal with width   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 15:26 |
| S112 | 0   | (("3981230"   "4069080"   "4251887"   "4414051"). PN. OR ("4500382"). URPN.) and fus44 with width  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 15:26 |
| S113 | 0   | (("3981230"   "4069080"   "4251887"   "4414051"). PN. OR ("4500382"). URPN.) and fus\$4 with width   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 15:26 |
| S114 | 1   | "4945203".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/11 15:30 |
| S115 | 0   | "4323757.pn"   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/12 10:54 |
| S116 | 1   | "4323757".pn.  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/12 10:54 |
| S117 | 6   | 10/268,354   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/12 11:00 |
| S118 | 67  | ("20010052659"   "20020015836"   "20020025444"   "20040031362"   "3560291"   "3610724"   "3610729"   "3626143"   "3633333"   "3711176"   "3790744"   "3792519"   "3996461"   "4158133"   "4323757"   "4370025"   "4414051"   "4446305"   "4466305"   "4490203"   "4498923"   "4498925" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/12 11:00 |

|      |     |   |                              |    |    |                     |
|------|-----|---|------------------------------|----|----|---------------------|
|      |     | "4520189"   "4521588"<br>"4540623"   "4547432"<br>"4549063"   "4705356"<br>"4832453"   "4945203"<br>"4987287"   "5103337"<br>"5241471"   "5269995"<br>"5316703"   "5360659"<br>"5437960"   "5448404"<br>"5486949"   "5686979"<br>"5699188"   "5711838"<br>"5783120"   "5808794"<br>"5825542"   "5882774"<br>"5962114"   "5965247"<br>"5980666"   "6045894"<br>"6049419"   "6059913"<br>"6096247"   "6103050"<br>"6157490"   "6185039"<br>"6191382"   "6207925"<br>"6287184"   "6303901"<br>"6368699"   "6551436"<br>"6689245"   "6808658"<br>"6972065"   "6991695").<br>PN. OR ("7396493").URPN.  |                              |    |    |                     |
| S119 | :29 | (("20010052659"  <br>"20020015836"  <br>"20020025444"  <br>"20040031362"  <br>"3560291"   "3610724"<br>"3610729"   "3626143"<br>"3633333"   "3711176"<br>"3790744"   "3792519"<br>"3996461"   "4158133"<br>"4323757"   "4370025"<br>"4414051"   "4446305"<br>"4466305"   "4490203"<br>"4498923"   "4498925"<br>"4520189"   "4521588"<br>"4540623"   "4547432"<br>"4549063"   "4705356"<br>"4832453"   "4945203"<br>"4987287"   "5103337"<br>"5241471"   "5269995"<br>"5316703"   "5360659"<br>"5437960"   "5448404"<br>"5486949"   "5686979"<br>"5699188"   "5711838"<br>"5783120"   "5808794"<br>"5825542"   "5882774"<br>"5962114"   "5965247"<br>"5980666"   "6045894"<br>"6049419"   "6059913"<br>"6096247"   "6103050"<br>"6157490"   "6185039"<br>"6191382"   "6207925"<br>"6287184"   "6303901"<br>"6368699"   "6551436" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/12<br>11:01 |

|      |    |   |                              |    |    |                     |
|------|----|---|------------------------------|----|----|---------------------|
|      |    | "6689245"   "6808658"  <br>"6972065"   "6991695").<br>PN. OR ("7396493").<br>URPN.) and laser   |                              |    |    |                     |
| S120 | 67 | ("20010052659"  <br>"20020015836"  <br>"20020025444"  <br>"20040031362"  <br>"3560291"   "3610724"  <br>"3610729"   "3626143"  <br>"3633333"   "3711176"  <br>"3790744"   "3792519"  <br>"3996461"   "4158133"  <br>"4323757"   "4370025"  <br>"4414051"   "4446305"  <br>"4466305"   "4490203"  <br>"4498923"   "4498925"  <br>"4520189"   "4521588"  <br>"4540623"   "4547432"  <br>"4549063"   "4705356"  <br>"4832453"   "4945203"  <br>"4987287"   "5103337"  <br>"5241471"   "5269995"  <br>"5316703"   "5360659"  <br>"5437960"   "5448404"  <br>"5486949"   "5686979"  <br>"5699188"   "5711838"  <br>"5783120"   "5808794"  <br>"5825542"   "5882774"  <br>"5962114"   "5965247"  <br>"5980666"   "6045894"  <br>"6049419"   "6059913"  <br>"6096247"   "6103050"  <br>"6157490"   "6185039"  <br>"6191382"   "6207925"  <br>"6287184"   "6303901"  <br>"6368699"   "6551436"  <br>"6689245"   "6808658"  <br>"6972065"   "6991695").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/10/12<br>11:08 |
| S121 | 0  | ("7396493").URPN.   | USPAT                        | OR | ON | 2010/10/12<br>11:08 |
| S122 | 2  | ("2004/0031362").URPN.  | USPAT                        | OR | ON | 2010/10/12<br>11:08 |

|      |    |  |                        |    |    |                     |
|------|----|--|------------------------|----|----|---------------------|
| S123 | 65 | ("20010052659"   "20020015836"   "20020025444"   "20030218123"   "20030219577"   "20040031362"   "3560291"   "3610724"   "3610729"   "3626143"   "3633333"   "3711176"   "3790744"   "3792519"   "3996461"   "4158133"   "4323757"   "4370025"   "4414051"   "4446305"   "4459063"   "4466305"   "4490203"   "4520189"   "4521588"   "4540623"   "4705356"   "4987287"   "5103337"   "5269995"   "5316703"   "5360659"   "5437960"   "5448404"   "5486949"   "5686979"   "5699188"   "5711838"   "5783120"   "5808794"   "5825542"   "5882774"   "5962114"   "5965247"   "6045894"   "6049419"   "6059913"   "6096247"   "6103050"   "6157490"   "6185039"   "6191382"   "6207925"   "6287184"   "6303901"   "6368699"   "6531230"   "6551436"   "6689245"   "6797396"   "6808658").PN. OR ("6991695").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/12<br>11:09 |
| S124 | 47 | ("20010052659"   "20020015836"   "20020025444"   "20030218123"   "20030219577"   "20040031362"   "3560291"   "3610724"   "3610729"   "3626143"   "3633333"   "3711176"   "3790744"   "3792519"   "3996461"   "4158133"   "4323757"   "4370025"   "4414051"   "4446305"   "4459063"   "4466305"   "4490203"   "4520189"   "4521588"   "4540623"   "4705356"   "4987287"   "5103337"   "5269995"   "5316703"   "5360659"   "5437960"   "5448404"   "5486949"   "5686979"   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/12<br>11:14 |

|      |       |   |                        |    |    |                  |
|------|-------|---|------------------------|----|----|------------------|
|      |       | "5699188"   "5711838"   "5783120"   "5808794"   "5825542"   "5882774"   "5962114"   "5965247"   "6045894"   "6049419"   "6059913"   "6096247"   "6103050"   "6157490"   "6185039"   "6191382"   "6207925"   "6287184"   "6303901"   "6368699"   "6531230"   "6551436"   "6689245"   "6797396"   "6808658").PN. OR ("6991695").URPN.) and (laser cut\$4) |                        |    |    |                  |
| S125 | 427   | birefringent and wound with roll  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/12 11:28 |
| S126 | 106   | birefringent with multilayer and wound with roll  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/12 11:29 |
| S127 | 20    | ("2001/0013668").URPN.  | USPAT                  | OR | ON | 2010/10/12 11:45 |
| S128 | 12713 | 65/273 65/106 428/423.1 428/349 428/192   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/12 12:59 |
| S129 | 11    | ((HEATHER) near2 (KRANZ)).INV.  | US-PGPUB; USPAT        | OR | ON | 2010/10/12 12:59 |
| S130 | 14    | ((JEFFREY) near2 (BOETTCHER)).INV.  | US-PGPUB; USPAT        | OR | ON | 2010/10/12 12:59 |
| S131 | 8     | ((JANET) near2 (KIRKMAN)).INV.  | US-PGPUB; USPAT        | OR | ON | 2010/10/12 12:59 |
| S132 | 61    | ((PETER) near2 (DI ETZ)).INV.   | US-PGPUB; USPAT        | OR | ON | 2010/10/12 12:59 |
| S133 | 12799 | S128 S129 S130 S131 S132  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/12 12:59 |
| S134 | 11402 | S133  | USPAT                  | OR | ON | 2010/10/12 12:59 |
| S135 | 4464  | 428/192   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/12 12:59 |
| S136 | 12799 | S128 S129 S130 S131 S132 not S135   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/12 12:59 |
| S137 | 8335  | (S128 S129 S130 S131 S132) not S135   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/10/12 12:59 |
| S138 | 1     | "20030219577".pn.   | US-PGPUB; USPAT; USOCR | OR | ON | 2011/09/05 09:07 |

|      |    |  |                              |    |                     |                     |
|------|----|--|------------------------------|----|---------------------|---------------------|
| S139 | 6  | 10/268,354   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON                  | 2011/09/05<br>09:08 |
| S140 | 66 | ("20010052659"   "20020015836"   "20020025444"   "20030218123"   "20030219577"   "20040031362"   "3560291"   "3610724"   "3610729"   "3626143"   "3633333"   "3711176"   "3790744"   "3792519"   "3996461"   "4158133"   "4323757"   "4370025"   "4414051"   "4446305"   "4459063"   "4466305"   "4490203"   "4520189"   "4521588"   "4540623"   "4705356"   "4987287"   "5103337"   "5269995"   "5316703"   "5360659"   "5437960"   "5448404"   "5486949"   "5686979"   "5699188"   "5711838"   "5783120"   "5808794"   "5825542"   "5882774"   "5962114"   "5965247"   "6045894"   "6049419"   "6059913"   "6096247"   "6103050"   "6157490"   "6185039"   "6191382"   "6207925"   "6287184"   "6303901"   "6368699"   "6531230"   "6551436"   "6689245"   "6797396"   "6808658").PN. OR ("6991695").URPN. | OR                           | ON | 2011/09/05<br>09:08 |                     |
| S141 | 29 | ("20010052659"   "20020015836"   "20020025444"   "20030218123"   "20030219577"   "20040031362"   "3560291"   "3610724"   "3610729"   "3626143"   "3633333"   "3711176"   "3790744"   "3792519"   "3996461"   "4158133"   "4323757"   "4370025"   "4414051"   "4446305"   "4459063"   "4466305"   "4490203"   "4520189"   "4521588"   "4540623"   "4705356"   "4987287"   "5103337"   "5269995"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON                  | 2011/09/05<br>09:11 |

|      |    |  |                              |    |    |                     |
|------|----|--|------------------------------|----|----|---------------------|
|      |    | "5316703"   "5360659"<br>"5437960"   "5448404"<br>"5486949"   "5686979"<br>"5699188"   "5711838"<br>"5783120"   "5808794"<br>"5825542"   "5882774"<br>"5962114"   "5965247"<br>"6045894"   "6049419"<br>"6059913"   "6096247"<br>"6103050"   "6157490"<br>"6185039"   "6191382"<br>"6207925"   "6287184"<br>"6303901"   "6368699"<br>"6531230"   "6551436"<br>"6689245"   "6797396"<br>"6808658").PN. OR<br>("6991695").URPN.) and<br>laser  |                              |    |    |                     |
| S142 | 22 | (( "20010052659"  <br>"20020015836"  <br>"20020025444"  <br>"20030218123"  <br>"20030219577"  <br>"20040031362"  <br>"3560291"   "3610724"<br>"3610729"   "3626143"<br>"3633333"   "3711176"<br>"3790744"   "3792519"<br>"3996461"   "4158133"<br>"4323757"   "4370025"<br>"4414051"   "4446305"<br>"4459063"   "4466305"<br>"4490203"   "4520189"<br>"4521588"   "4540623"<br>"4705356"   "4987287"<br>"5103337"   "5269995"<br>"5316703"   "5360659"<br>"5437960"   "5448404"<br>"5486949"   "5686979"<br>"5699188"   "5711838"<br>"5783120"   "5808794"<br>"5825542"   "5882774"<br>"5962114"   "5965247"<br>"6045894"   "6049419"<br>"6059913"   "6096247"<br>"6103050"   "6157490"<br>"6185039"   "6191382"<br>"6207925"   "6287184"<br>"6303901"   "6368699"<br>"6531230"   "6551436"<br>"6689245"   "6797396"<br>"6808658").PN. OR<br>("6991695").URPN.) and<br>laser and (optic\$5 polariz<br>\$5) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2011/09/05<br>09:16 |

|      |     |   |                              |    |                     |                     |
|------|-----|---|------------------------------|----|---------------------|---------------------|
| S143 | 1   | "20010013668".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON                  | 2011/09/05<br>09:19 |
| S144 | 3   | 09/810,916  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON                  | 2011/09/05<br>09:21 |
| S145 | 117 | ("0540768"  <br>"20010011779"  <br>"20010019182"  <br>"2803552"   "3022178"  <br>"3051452"   "3075228"  <br>"3124639"   "3182965"  <br>"3195865"   "3212909"  <br>"3557265"   "3565985"  <br>"3610729"   "3687589"  <br>"3711176"   "3759647"  <br>"3773882"   "3819522"  <br>"3825645"   "3860036"  <br>"3884606"   "3897356"  <br>"4061462"   "4144011"  <br>"4249011"   "4348349"  <br>"4446305"   "4478909"  <br>"4520189"   "4521588"  <br>"4525413"   "4540623"  <br>"4720426"   "4848564"  <br>"4880370"   "4937134"  <br>"5094788"   "5094793"  <br>"5103337"   "5122905"  <br>"5122906"   "5126880"  <br>"5188760"   "5211878"  <br>"5235443"   "5269995"  <br>"5294657"   "5316703"  <br>"5319478"   "5360659"  <br>"5389324"   "5448404"  <br>"5486935"   "5486949"  <br>"5540978"   "5568316"  <br>"5612820"   "5629055"  <br>"5686979"   "5699188"  <br>"5721603"   "5744534"  <br>"5751388"   "5759467"  <br>"5767935"   "5770306"  <br>"5783120"   "5793456"  <br>"5808794"   "5825542"  <br>"5825543"   "5828488"  <br>"5882774"   "5940149"  <br>"5962114"   "5965247"  <br>"5976424"   "6111697"  <br>"6113811"   "6157490"  <br>"6179948"   "6207260"  <br>"6368699"   "RE34605").<br>PN. OR ("6827886").URPN. | OR                           | ON | 2011/09/05<br>09:21 |                     |

|      |       |  |                              |    |    |                     |
|------|-------|--|------------------------------|----|----|---------------------|
| S146 | 15    | ((0540768"  <br>"20010011779"  <br>"20010019182"  <br>"2803552"   "3022178"<br>"3051452"   "3075228"<br>"3124639"   "3182965"<br>"3195865"   "3212909"<br>"3557265"   "3565985"<br>"3610729"   "3687589"<br>"3711176"   "3759647"<br>"3773882"   "3819522"<br>"3825645"   "3860036"<br>"3884606"   "3897356"<br>"4061462"   "4144011"<br>"4249011"   "4348349"<br>"4446305"   "4478909"<br>"4520189"   "4521588"<br>"4525413"   "4540623"<br>"4720426"   "4848564"<br>"4880370"   "4937134"<br>"5094788"   "5094793"<br>"5103337"   "5122905"<br>"5122906"   "5126880"<br>"5188760"   "5211878"<br>"5235443"   "5269995"<br>"5294657"   "5316703"<br>"5319478"   "5360659"<br>"5389324"   "5448404"<br>"5486935"   "5486949"<br>"5540978"   "5568316"<br>"5612820"   "5629055"<br>"5686979"   "5699188"<br>"5721603"   "5744534"<br>"5751388"   "5759467"<br>"5767935"   "5770306"<br>"5783120"   "5793456"<br>"5808794"   "5825542"<br>"5825543"   "5828488"<br>"5882774"   "5940149"<br>"5962114"   "5965247"<br>"5976424"   "6111697"<br>"6113811"   "6157490"<br>"6179948"   "6207260"<br>"6368699"   "RE34605").<br>PN. OR ("6827886").<br>URPN.) and laser | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2011/09/05<br>09:21 |
| S147 | 13234 | 65/273 65/106 428/423.1<br>428/349 428/192   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2011/09/05<br>16:42 |
| S148 | 11    | ((HEATHER) near2<br>(KRANZ)).INV.  | US-PGPUB;<br>USPAT           | OR | ON | 2011/09/05<br>16:42 |
| S149 | 15    | ((JEFFREY) near2<br>(BOETTCHER)).INV.  | US-PGPUB;<br>USPAT           | OR | ON | 2011/09/05<br>16:42 |

|      |      |  |                              |    |    |                     |
|------|------|--|------------------------------|----|----|---------------------|
| S150 | 9    | ((JANET) near2 (KIRKMAN)).INV.         | US-PGPUB;<br>USPAT           | OR | ON | 2011/09/05<br>16:42 |
| S151 | 63   | ((PETER) near2 (DIETZ)).<br>INV.       | US-PGPUB;<br>USPAT           | OR | ON | 2011/09/05<br>16:42 |
| S152 | 4637 | 428/192                                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2011/09/05<br>16:42 |
| S153 | 8686 | (S147 S148 S149 S150<br>S151) not S152 | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2011/09/05<br>16:42 |
| S154 | 8686 | S153                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2011/09/05<br>16:42 |

**EAST Search History (Interference)**

&lt; This search history is empty&gt;

**9/8/2011 9:24:04 AM****C:\Documents and Settings\mnelson2\My Documents\EAST\Workspaces\10564677\_\_optical peripheral seal.wsp**